

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
)
MARCUS WANG, ET AL.) Group Art Unit:
)
Serial No.: Not Yet Assigned) Examiner:
)
Filed: Herewith) Paper No.:
)
Title: INTERCHANGEABLE TOOL)
HEADS)

Oakland, California 94623
January 27, 2004

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Date: January 27, 2004



Joel J. Hayashida
Reg. No. 30,065

MAIL STOP: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
37 C.F.R. §1.98

Dear Sir:

This is Applicants' Information Disclosure Statement.

This disclosure consists of foreign references listed on the attached Forms PTO-1449. The other non-U.S. references are in the parent application.

This information disclosure statement is being submitted prior to a first action on the merits, so no fee is believed to be due.

Respectfully submitted,



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January 27, 2004

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File No.: 426.32B

FORM PTO-1449 (Modified)

**LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT**

ATTY. DOCKET NO. 426.32B	SERIAL NO. to be assigned
APPLICANT(S) Michael J. Hall, et al.	
FILING DATE January 23, 2004	GROUP

REFERENCES DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	Pat. 5,928,384	Jul. 29, 1999	Scialla et al.			
	AB	Pat. 4,969,854	Nov. 13, 1990	Katsuda et al.			
	AC	Pat. 3,679,319	July 25, 1972	Munchel et al.			
	AD	Pat. 3,490,657	Jan. 20, 1970	Williams et al.			
	AE	Pat. 4,432,472	Feb. 21, 1984	Lamm			
	AF	Pat. 4,249,280	Feb. 10, 1981	Goodrich			
	AG	Pat. 3,979,163	Sept. 7, 1976	Beard			
	AH	Pat. 4,780,100	Oct. 25, 1988	Moll			
	AI	Pat. 4,652,389	Mar. 24, 1987	Moll			
	AJ	Pat. 3,541,581	Nov. 17, 1970	Monson			
	AK	Pat. 3,436,772	Apr. 8, 1969	Stebbins			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AL	WO 01/72195	Oct. 4, 2001	PCT	A47L	1/08		X
	AM	WO 98/04666	Feb. 5, 1998	PCT	C11D	3/44		X
	AN	JP 54042855	(1979) 4 5	Japan	A47L	11/20		X
	AO	WO 02/41747	May 30, 2002	PCT	A47L	13/254		
	AP	WO 03/082048	Oct. 9, 2003	PCT	A46B	11/00		

OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)

AR	D.J. Durian, "Foams," <u>Kirk-Othmer Encyclopedia of Chemical Technology</u> , (1994).
AS	<u>Kirk-Othmer Encyclopedia of Chemical Technology</u> , 3 rd Ed., Vol. 22, pp. 332-432 (Marcel-Dekker, 1983).
AT	P.A. Sanders, <u>Handbook of Aerosol Technology</u> , 2 nd Ed., (Van Nostrand Reinhold Co., 1979), pp. 348-353 and 364-367.

EXAMINER

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	BA	Pat. 3,600,325	Aug. 17, 1971	Kaufman et al.			
	BB	Pat. 5,111,971	May 12, 1992	Winer			
	BC	Pat. 5,232,126	Aug. 3, 1993	Winer			
	BD	Pat. 4,260,110	Apr. 7, 1981	Werding			
	BE	Pat. 5,915,598	Jun. 29, 1999	Yazawa et al.			
	BF	Pat. 5,503,303	Apr. 2, 1996	LaWare et al.			
	BG	Pat. 3,967,763	Jul. 6, 1976	Focht			
	BH	Pat. 4,589,994	May 20, 1986	Moseman			
	BI	Pat. 4,867,898	Sep. 19, 1989	Spaulding et al.			
	BJ	Pat. 6,454,876	Sep. 24, 2002	Ochomogo et al.			
	BK	Pat. 6,482,392	Nov. 19, 2002	Zhou et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
	BL	GB 2,298,379	Sept. 4, 1996	UK	B05C	17/00	
	BM	EP 0 474 834	Sept. 27, 1995	EPO	B05C	1/02	
	BN						
	BO						
	BP						

OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)

	BR	
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	BT	

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	CA	Pat. 6,080,387	Jun. 27, 2000	Zhou et al.			
	CB	Pat. 6,284,723	Sep. 4, 2001	Zhou et al.			
	CC	Pat. 6,270,754	Aug. 7, 2001	Zhou et al.			
	CD	Pat. 6,017,561	Jan. 25, 2000	Zhou et al.			
	CE	Pat. 6,013,615	Jan. 11, 2000	Zhou et al.			
	CF	Pat. 6,361,787	Mar. 26, 2002	Shaheen et al.			
	CG	Pat. 5,789,364	Aug. 4, 1998	Sells et al.			
	CH	Pat. 5,589,448	Dec. 31, 1996	Koerner et al.			
	CI	App. No. 20010046407	Nov. 29, 2001	Kunkler et al.			
	CJ	Pat. 6,551,001	Apr. 22, 2003	Aberegg et al.			
	CK	App. No. 2003/0052195	Mar. 20, 2003	Aberegg et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
	CL						
	CM						
	CN						
	CO						
	CP						

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	DA	App. No. 2003/0052204	Mar. 20, 2003	Aberegg et al.			
	DB	App. No. 2003/0053846	Mar. 20, 2003	Kopanic et al.			
	DC	6,061,864	May 16, 2000	Ensson	15	147.1	
	DD	6,305,046	Oct. 23, 2000	Kingry	15	231	
	DE	4,300,258	Nov. 17, 1981	Burns	15	210R	
	DF	4,937,911	July 3, 1990	Picchietti	15	320	
	DG	4,165,815	Aug. 28, 1979	Vetter	220	40	
	DH	App. No. 2003/0121117	July 3, 2003	Isenberg	15	209.1	
	DI						
	DJ						
	DK						

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	NO
	DL							
	DM							
	DN							
	DO							
	DP							

OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)

	DR	
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